ATTORNEY'S DOCKET NO. **N00401/70005 GSE/INB**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Vexler et al.
Serial No:	09/585,072
Confirmation No.:	5741
Filed:	June 1, 2000
For:	TWISTED PAIR CABLE WITH DUAL LAYER INSULATION HAVING IMPROVED TRANSMISSION CHARACTERISTICS
Examiner:	W. Mayo
Art Unit:	2831

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box AF, Commissioner for Patents, Washington, D.C. 20231, on the 27 day of August 2002.

Donna Pefine

BOX AF
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

RESPONSE TO FINAL OFFICE ACTION

In response to the Final Office Action mailed June 4, 2002, Applicant respectfully requests reconsideration.

PRELIMINARY MATTERS

Please change the Attorney's Docket No. recorded for this application to N00401 / 70005 GSE/INB.

AMENDMENTS

Please amend the claims as following:

1. A twisted pair cable comprising a plurality of pairs, each of said pairs comprising: two assemblies, a first assembly comprising:

a conductor;

an inner insulator surrounding the conductor;

an outer insulator surrounding the inner insulator;

an inner edge of the first assembly defined by a surface of the first assembly closest to a second assembly in the same pair; and

an outer edge of the first assembly defined by a surface of the first assembly farthest from the second assembly in the same pair, the outer edge of the first assembly being farther from the conductor than the inner edge of the first assembly over the length of the pair.

3. A twisted pair cable comprising a plurality of pairs, each of said pairs comprising: two conductor assemblies, a first assembly comprising:

a conductor;

at least one layer of insulator surrounding the conductor;

an inner edge of the first assembly defined by a surface of the first assembly closest to a second conductor assembly in the same pair; and

an outer edge of the first assembly defined by a surface of the first assembly farthest from the second conductor assembly in the same pair, the outer edge of the first assembly being farther from the conductor than the inner edge of the first assembly over the length of the pair.

4. A twisted pair cable according to claim 1, wherein said conductor of the first assembly is closer to a conductor of the second assembly than to an outer surface opposite said conductors.

9. A twisted pair cable according to claim 4, wherein the first assembly further comprises a middle insulator, said inner and outer insulators being extrudable elastomers and wherein said middle insulator is an extrudable polymer.

An appendix is attached showing the changes made to the above claims. Please also add claim 17:

17. (New) A twisted pair cable comprising a plurality of pairs, each of said pairs comprising:

two assemblies, a first assembly comprising:

a first conductor,

an inner insulator surrounding the first conductor,

an outer insulator surrounding the inner insulator,

an inner edge of the first assembly defined by a surface of the first assembly closest to a second assembly in the same pair, and

an outer edge of the first assembly defined by a surface of the first assembly farthest from the second assembly in the same pair, the outer edge of the first assembly being farther from the first conductor than the inner edge of the first assembly over the length of the pair; and

a second assembly comprising:

a second conductor,

an inner insulator surrounding the second conductor,

an outer insulator surrounding the inner insulator,

an inner edge of the second assembly defined by a surface of the second assembly closest to the first assembly in the same pair, and

an outer edge of the second assembly defined by a surface of the second assembly farthest from the first assembly in the same pair, the outer edge of the second assembly being farther from the second conductor than the inner edge of the second assembly over the length of the pair.